

ND BUSINESS EDUCATION FRAMEWORKS

Communication Technologies

Course Code	Course Name/Description	Grade Levels	Accreditation Time/Credit Options
14028	Communication technologies This course is designed to incorporate the history of the Internet, Internet safety and etiquette, appropriate research techniques, online communication, video conferencing, social networking, network security, and a study of e-business.	9-12	¼ or ½
Topic	Standards		
Basic introduction of the internet and its history	8.1.1.1 Identify uses of information technology in the home, school, workplace, and global society 8.1.1.2 Explain how information technologies meet human needs and improve quality of life 8.1.1.9 Describe the impact of technology on the knowledge and skills needed in the workplace 8.4.6.8 Define terminology related to the Internet 8.4.6.9 Discuss the history of the Internet and its technologies		
Ethics, Plagiarism, Copyright	4.1.3.10 Document properly both print and electronic digital sources to avoid plagiarism 4.3.1.25 Address the ethical issues regarding ownership and use of digitally generated information including plagiarism and copyright issues 8.1.1.4 Explain the impact of information technology on the environment 8.10.1.8 Identify and apply federal and state legislation pertaining to copyright, computer crime, fraud, and abuse 8.11.1.3 Discuss copyright rules and regulations (e.g., images, music, video, software) 8.11.1.5 Demonstrate legal and ethical behaviors when using information technology 8.11.1.6 Explain the consequences of illegal and unethical use of information technology		

Ethics, Plagiarism, Copyright	<p>8.11.1.7 Demonstrate the appropriate use of intellectual property</p> <p>8.11.1.8 Identify privacy issues within an organization</p> <p>8.11.1.9 Apply appropriate federal and state laws pertaining to privacy</p> <p>8.11.1.10 Adhere to and apply organizational policies for privacy and intellectual property</p> <p>8.11.1.11 Identify and explain property, privacy, access, and accuracy issues pertaining to information technology</p> <p>8.11.1.12 Analyze various information technologies to distinguish privacy and ethical issues and problems</p> <p>8.11.1.14 Implement organization policies and procedures for ethics and privacy</p> <p>8.11.1.15 Read, interpret, and adhere to software license agreements and legal mandates</p>
Internet safety	<p>4.3.1.11 Discuss rules of safe and appropriate conduct when using the Internet and email</p> <p>4.3.1.20 Discuss dangers of Internet predators</p> <p>4.3.1.21 Discuss the risks of identity theft</p> <p>4.3.1.23 Discuss appropriate and safe online behavior</p>
Browsing the web	<p>8.4.6.3 Identify and explain various types of online resources</p> <p>8.4.6.4 Access, navigate, and use online resources</p> <p>8.4.6.13 Describe and use various internet protocols (e.g., http, ftp, mailto, and telnet)</p>
Search the web appropriately for resources	<p>4.3.1.12 Use online databases and search engines to find basic business information</p> <p>4.4.1.26 Use the Internet to research the job market and specific potential employers</p>
Networking and	<p>4.3.1.17 Discuss and identify ways to keep business data secure</p>

security	<p>4.3.1.30 Demonstrate knowledge of mobile technology</p> <p>4.3.1.36 Use WiFi technology securely</p> <p>8.1.1.5 Demonstrate environmental awareness through the appropriate use and disposal of information technology resources</p> <p>8.4.6.18 Research and analyze hosting and domain name solutions</p> <p>8.10.1.5 Implement procedures to prevent system failures and viral infections</p> <p>8.10.1.6 Implement procedures to restart and recover documents due to system failure</p> <p>8.10.1.7 Implement controls to prevent loss of integrity of data and other information resources</p>
Downloading, file-sharing	<p>4.3.1.14 Record, edit, and transfer MP3 files</p> <p>4.3.1.1 Send pictures, video, and text messages digitally</p>
Email systems including digital communication, digital etiquette	<p>4.3.1.15 Send pictures, video, and text messages digitally</p> <p>4.3.1.18 Use digital messaging technologies</p> <p>4.3.1.19 Compose and evaluate formal and informal digital correspondence</p> <p>4.3.1.21 Evaluate messages and select the appropriate technology for transmitting them</p> <p>4.3.1.34 Identify techniques to protect confidential messages that are transmitted digitally</p>
Using wikis, weblogs, RSS feeds, multimedia sites	<p>4.3.1.33 Use asynchronous (different time, different place) and synchronous (same time, different place) collaboration tools, such as discussion boards, portals, blogs, and wikis to facilitate group work</p> <p>4.3.1.39 Compose, deliver, and publish podcasts</p>

E-business	<p>4.3.1.32 Collaborate with students and business professionals via the Internet to acquire needed expertise to solve specific business problems</p> <p>7.6.4.7 Evaluate the feasibility of conducting business on the Internet</p> <p>7.6.4.8 Examine ways to establish a business on the Internet (e.g., e-Bay, stand-alone, virtual malls)</p> <p>7.8.1.9 Identify legal issues facing entrepreneurs who establish e-commerce sites</p> <p>8.1.1.18 Describe how information technology has transformed business processes and relationships</p> <p>8.4.6.22 Identify the components of a well-developed business website</p> <p>8.4.6.23 Identify the components of an e-commerce site</p> <p>8.4.6.24 Design e-business and e-commerce solutions</p>
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